BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Detailed Estimate for Providing remaining S.V.Lamps and electrical fitttings at Ward No-05 in Byatarayanpura Sub-division.

Budget Head : P 3089

Ward No.5 Estimate No:- AEE/EST/01/15-16 For Rs.15,00,000.00

Sl No	Description Of Work	Qty	Rate	Unit	Amount
	KPWD (Ele) S.R.2014-15				
1 P No 22 I No4.16	Supplying High pressure sodium vapour street light luminaire suitable for use with high pressure sodium vapour lamp with integrated control gear and grey colr powder coated. The fitting shall be non corrosive pressure die cast aluminium housing with high purity anodized aluminium housing with EPDM Gaskets suitable for Outer Dia of pole 40 mm -60 mm. Cable entry through a cable gland with toggle clips. IP65 protection for both optical & electrical compartment. Bottom cover may be with poly carbonate/tempered/ toughened glass.Luminaire efficiency should be > 60 % and ambient temperature >35 deg C. High Intensity Discharge electro magnetic ballast with copper winding of Orthocyclic winding coil. Class H insulated dual coated copper wire. Complaince to IEC 61347-2-9 Safety & IEC 60923-Performance. Winding Temperature rise " T=70 deg C. Luminaire shall be suitable to operate on 230/250 V 50 Hz AC supply finish including wiring , Ignitor, condenser, SS Toggles for opening front hingeable glass 250 Wattsa) Group 'A'	175	6900.00	Each	1207500.00
2. P No-108 I.No-17.1	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires. 17.1.2)Using 32mm dia G.I.pipe	175	893.00	Each	156275.00
3 P No-56 I.No-7.6.1	Supplying of 1.1 KV grade Aerial Bunched Cable Stranded and Compacted Aluminium Phase Conductor and Stranded Messenger Conductor with all aluminium Alloy. Phase Conductor is insulated with XLPE Compound. Insulated Messanger with SpecifiedIS-14255:1995 & confirming to GTP of Group A 2X16+1X25Sqmm	1000	92.00	mtr	92000.00
4 I.no-26.5	Striniging of 1.1 KV grade aerial bunched 3 core cable of XLPE insulation standard aluminium conductor standard around a weather resistant black XLPE insulated AAA messanger wire (3X 25 Sq mm + 1X 16 sqmm + 1X 25Sqmm + 1X 35 sqmm)	1000	8.96	P/Mtr	8961.00
5 9/286	Dead End Clamp/ Anchor clamps assembly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	5	140.00	Nos	700.00
6 9/287	suspension clamp assembly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	50	280.00	Nos	14000.00
7 13/255	Errection of suspension clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	50	85.00	Nos	4250.00
8 13/256	Errection of Anchor clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	5	85.00	Nos	425.00

09 P.No-33 I.No-5.4.2	Supply and fixing of ..... cross arm including all Hardwares compete as per the standard technical specification b) 2 Pin 45x45x5mm-510mm	50	306.00	Each	15300.00
	Miscellaneous				589.00
	TOTAL				**1500000.00**

CERTIFICATE :-

1. The place was inspected and the work is essential.
2. The provision made in the estimate are adequate and necessary and the work comes in the BBMP limit and is legitimate Charges on the BBMP funds.
3. The estimate is based on KPWD (Ele) S.R.2014-15 Rates. Effective from 1-08-2014 , BESCOM SR and

Assistant Engineer (Ele)
Yelahanka Zone

Asst. Executive Engineer (Elecl)
Yelahanka Zone

EXECUTIVE ENGINEER (ELECL)
Yelahanaka Zone, BBMP

Administrative Approval

Accorded For .....
Head of A/C..P3089.....
CER NO :.....12..... **Dt**:..19.08.15

TA CE (YNK)

Technical Sanction
Accorded For ..15.00lakhs
Head of A/C...P3089.....
CER NO :.....12..... **Dt**:..19.08.15

TA CE (YNK)